PTO/SB/05 (03-01)

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PATENT APPLICATION First In		/ Docket No.	X-1495 US			
		entor	Amit Singh			
		Pin Reordering During Placement of Circuit Designs				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	new nonprovisional applications under 37 CFR 1.53(b)) Express Mai		EV 00033	000334471 US		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application co	ADDRESS	Commissioner for P.O. Box 1450; I Alexandria, Virgi	Wall Stop Patent App	plication 223		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Specification Total Pages	20 1	7. Nucleoti	CD-ROM or CD-R in d Computer Program (de and/or Amino Acid	Appendix)		
(preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequenct listing, a table, or a computer program listing appendix - Background of the Invention		a. D	cable, all necessary) Computer Readable cifiation Sequence Lis i. CD-ROM o ii. paper Statements verifying	sting on: or CD-R (2 copid		
 Brief Summary of the Invention Brief Description of the Drawings (if filed) 		<u> </u>	PANYING APPLIC	<u> </u>		
Detailed Description Claim(s)		8. X A	ssignment Papers (c	over sheet & do	cument(s))	
- Abstract of the Disclosure 3. X Drawing(s) (35 USC 113) [Total Sheets	03 1		7 CFR 3.73(b) Staten when there is an assi	gnee)	ower of Attorney	
4. Oath or Declaration [Total Pages	01		nglish Translation Do formation Disclosure	, ,,	Cable) Copies of IDS	
a. Newly Executed (original or copy)		L△N S	tatement (IDS)/PTO-1 retiminary Amendmer		Citations	
b. Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed,)	13. TV R	eturn Receipt Postca	rd (MPEP 503)		
i. DELETION OF INVENTOR(S)		14.	Should be specifically ertified Copy of Priori	ity Document(s)		
Signed statement attached deletin inventor(s) named in the prior appl see 37 CFR 1.63(d)(2) and 1.33(b	lication,	15. X	f foreign priority is cla lonpublication Reque (b)(2)(B). Applicant n or its equivalent.	st under 35 U.S	C 122 PTO/SB/35	
5. Application Data Sheet. See 37 CFR 1.76	•					
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:						
Continuation Divisional Continuation-in-part (CIP) of prior application No:						
Prior application information: Examiner Group / Art Unit:						
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
18. CORRESPONDENCE ADDRESS						
Customer Number or Bar Code Label 24309 (Insert Customer No. or Altach bar code label here) or Correspondence address below						
Name Attn: Kim Kanzaki	i					
Address						
City Stat	te		Zip Code	9		
Country Telephon	ne .	408-879-614	9 Fa	x 408-37	7-6137	
Name (Print/Type) Kim Kanzaki	•	Registration	No. (Attorney/Agent)	37,652		
Signature) L			Date	September 3	0, 2003	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete the form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEMD EVES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop: Patent Application, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

	Con	formation unless it displays a valid OMB control number complet if Kn wn		
FEE TRANSMITTAL	Application Number	Unknown		
for FY 2003	Filing Date	September 30, 2003		
	First Named Inventor	Amit Singh		
Effective 01/01/2003. Patent fees are subject to annual revision	Examiner Name	Unknown		
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	Unknown		
TOTAL AMOUNT OF PAYMENT (\$) 874.00	Attorney Docket No.	X-1495 US		

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)			
1. X Deposit Account:		TIONAL F	EES		
Deposit Account Number 24-0040	Fee Fee Code	, (\$)	Fee Description	Fee Paid	
Deposit Account XILINX, INC.	1051	130	Surcharge - late filing fee or oath		
Name The Commissioner is authorized to: (check all that apply)	1052	50	Surcharge - late provisional filing fee or cover sheet.		
X Charge fee(s) indicated below X Credit any overpayments	147	2,520	For filing a request for reexamination		
Charge any additional fee(s) during the pendency of this application	1812	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	1805	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251	110	Extension for reply within first month		
1. BASIC FILING FEE	1252	400	Extension for reply within second month		
Laura Frath.	1253	920	Extension for reply within third month		
Large Entity Fee Fee Fee Description Fee Paid	1254	1,440	Extension for reply within fourth month		
Code (\$)	1255	1,960	Extension for reply within fifth month		
1001 750 Utility filing fee \$750	1401	320	Notice of Appeal		
1002 320 Design filing fee 1003 490 Plant filing fee	1402	320	Filing a brief in support of an appeal		
1004 750 Reissue filing fee	1403	270	Request for oral hearing		
1005 160 Provisional filing fee	1451	1,510	Petition to institute a public use proceeding		
	1452	110 -	Petition to revive - unavoidable		
SUBTOTAL (1) (\$) 750.00		1,240	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,240	Utility issue fee (or reissue)		
Total Claims 20 -20** = 0 X = \$0	1460	130	Petitions to the Commissioner		
	1807	50	Processing fee under 37 CFR 1.17(q)		
Multiple Dependent	1806	240	Submission of Information Disclosure Stmt		
Large Entity	8021	40	Recording each patent assignment per property (times number of properties)	\$40	
Fee Fee Fee Description Code (\$)	1809	750	Filing a submission after final rejection (37 CFR 1.129(a))		
1202 18 Claims in excess of 20 1201 84 Independent claims in excess of 3 1203 280 Multiple dependent claim, if not paid	1810	710	For each additional invention to be examined (37 CFR 1.129(b))		
1204 84 **Reissue independent claims	1801	750	Request for Continued Examination (RCE)	·	
over original patent 1205 18 **Reissue claims in excess of 20 and over original patent	Other fee	e (specify)			
SUBTOTAL (2) (\$) 84.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00			40.00		

SUBMITTED BY	SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Kim Kanzaki	Registration No. (Attorney/Agent) 37,652	Telephone	408-879-6149			
Signature	12		Date	09-30-2003			

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This collection of information is rrequired by 37 CFR 1.7 and 1.27. The information is required to botain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First	lamed Inventor Amit Singh		
Title	Circuit Clustering During Placement		
Atty Docket Number		X-1495 US	

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

September 30, 2003

Date

Kim Kanzaki Reg. No. 37,652

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.